## In the claims:

# 1. (Original) A compound of Formula I:

$$(R^{4})_{n}$$
 $R^{3}$ 
 $R^{5}$ 
 $R^{1}$ 
 $R^{10}$ 
 $R^{13}$ 
 $R^{10}$ 
 $R^{10}$ 
 $R^{13}$ 
 $R^{14}$ 
 $R^{14}$ 
 $R^{14}$ 

or a pharmaceutically acceptable salt or stereoisomer thereof,

#### wherein:

0 or 1; a is b is 0 or 1; 0, 1, or 2; m is n is 0, 1, 2 or 3; 0 or 1; r is 0 or 1; s is 0, 1 or 2; t is 0, 1, or 2; u is

R<sup>1</sup> and R<sup>2</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

# R<sup>3</sup> is selected from:

- 1) Hydrogen,
- 2) C<sub>1</sub>-C<sub>10</sub> alkyl;
- 3)  $C_1$ - $C_{10}$  alkyl-O-Rd,

- 4) C2-C10 alkenyl-O-Rd,
- 5) C2-C<sub>10</sub> alkynyl-O-Rd,
- 6) (C1-C6-alkylene)<sub>n</sub>C3-C8 cycloalkyl-O-Rd,
- 7)  $C_1$ - $C_{10}$  alkyl- $(C=O)_b$ - $NR^cR^c$ ,
- 8) C2-C10 alkenyl-(C=O)bNRcRc',
- 9) C2-C<sub>10</sub> alkynyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup>',
- 10) (C<sub>1</sub>-C<sub>6</sub>-alkylene)<sub>n</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup>,
- 11)  $C_1$ - $C_{10}$  alkyl- $S(O)_m$ -Rd,
- 12)  $C_2$ - $C_{10}$  alkenyl-  $S(O)_m$ - $R^d$ ,
- 13)  $C_2$ - $C_{10}$  alkynyl- $S(O)_m$ - $R^d$ ,
- 14) (C<sub>1</sub>-C<sub>6</sub>-alkylene)<sub>n</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl-S(O)<sub>m</sub>-R<sup>d</sup>,

said alkyl, alkenyl, alkynyl and cycloalkyl are optionally substituted with one or more substituents selected from R<sup>6</sup>;

# R<sup>4</sup> is independently selected from:

- 1)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 2)  $(C=O)_aO_baryl$ ,
- 3) CO<sub>2</sub>H,
- 4) halo,
- 5) CN,
- 6) OH,
- 7) ObC1-C6 perfluoroalkyl,
- 8)  $O_a(C=O)_bNR^8R^9$ ,
- 9)  $S(O)_m R^a$ ,
- 10)  $S(O)_2NR^8R^9$ ,
- 11)  $-OPO(OH)_2$ ;

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

## R<sup>5</sup> is selected from:

- 1) hydrogen;
- 2)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 3)  $(C=O)_aO_baryl$ ,
- 4) CO<sub>2</sub>H,
- 5) halo,
- 6) CN,
- 7) OH,

- 8) ObC1-C6 perfluoroalkyl,
- 9)  $O_a(C=O)_bNR^8R^9$ ,
- $S(O)_m R^a$ ,
- 11)  $S(O)_2NR^8R^9$ ,
- 12)  $-OPO(OH)_2$ ;

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

# R<sup>6</sup> is independently selected from:

- 1)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 2)  $(C=O)_aO_baryl$ ,
- 3) C2-C<sub>10</sub> alkenyl,
- 4) C2-C<sub>10</sub> alkynyl,
- 5) (C=O)<sub>a</sub>O<sub>b</sub> heterocyclyl,
- 6) CO<sub>2</sub>H,
- 7) halo,
- 8) CN,
- 9) OH,
- 10) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,
- 11)  $O_a(C=O)_bNR^8R^9$ ,
- $S(O)_mR^a$ ,
- 13)  $S(O)_2NR^8R^9$ ,
- 14) oxo,
- 15) CHO,
- 16)  $(N=0)R^8R^9$ , or
- 17) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 18)  $-OPO(OH)_2$ ;

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

#### R<sup>7</sup> is selected from:

- 1)  $(C=O)_rO_s(C_1-C_{10})$ alkyl,
- 2)  $O_r(C_1-C_3)$  perfluoroalkyl,
- 3) oxo,
- 4) OH,
- 5) halo,
- 6) CN,
- 7) (C2-C<sub>10</sub>)alkenyl,

- 8) (C2-C<sub>10</sub>)alkynyl,
- 9)  $(C=O)_rO_s(C_3-C_6)$ cycloalkyl,
- 10)  $(C=O)_rO_s(C_0-C_6)$ alkylene-aryl,
- 11)  $(C=O)_rO_s(C_0-C_6)$ alkylene-heterocyclyl,
- 12)  $(C=O)_rO_s(C_0-C_6)$ alkylene- $N(R^b)_2$ ,
- 13)  $C(O)R^{a}$ ,
- 14) (C0-C6)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 15) C(O)H,
- 16) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H,
- 17)  $(C=O)_rN(R^b)_2$ ,
- 18)  $S(O)_mR^a$ ,
- 19)  $S(O)_2N(R^b)_2$ , and
- 20)  $-OPO(OH)_2$ ;

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, NO<sub>2</sub> and N(R<sup>b</sup>)<sub>2</sub>;

R<sup>8</sup> and R<sup>9</sup> are independently selected from:

- 1) H,
- 2)  $(C=O)O_bC_1-C_{10}$  alkyl,
- 3) (C=O)ObC3-C8 cycloalkyl,
- 4) (C=O)Obaryl,
- 5) (C=O)Obheterocyclyl,
- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C2-C<sub>10</sub> alkenyl,
- 9) C2-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C3-C8 cycloalkyl,
- 12) SO<sub>2</sub>Ra, and
- 13)  $(C=O)NRb_2$ ,

said alkyl, cycloalkyl, aryl, heterocylyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>, or

R<sup>8</sup> and R<sup>9</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said

monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>10</sup> is selected from: H and F;

R<sup>11</sup> and R<sup>12</sup> are independently selected from: F and -CH<sub>2</sub>F;

R<sup>13</sup> and R<sup>14</sup> are independently selected from: H and -CH<sub>2</sub>F;

R<sup>ox</sup> is absent or is oxo;

R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup> 'or S(O)<sub>2</sub>R<sup>a</sup>, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>c</sup>and R<sup>c</sup> ' are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, NH<sub>2</sub>, OH, OR<sup>a</sup>, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup> ',  $S(O)_2R^a$  and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

R<sup>c</sup> and R<sup>c</sup>' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

 $R^d$  is selected from: H,  $(C_1-C_6)$ alkyl,  $-(C_2-C_6)$ alkyl-OH,  $-(C_1-C_6)$ alkyl-O- $(C_1-C_6)$ alkyl-N( $R^b$ )2, wherein the alkyl is optionally substituted with one, two or three substituents selected from  $R^7$ ;

Re and Re' are independently selected from: H, (C1-C6)alkyl, aryl, heterocyclyl and (C3-C6)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

Re and Re' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing,

in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R7

# 2. (Original) The compound according to Claim 1 of Formula II:

$$(R^{4})_{n}$$
 $R^{3}$ 
 $R^{5}$ 
 $R^{1}$ 
 $R^{13}$ 
 $R^{13}$ 
 $R^{14}$ 
 $R^{14}$ 
 $R^{14}$ 
 $R^{14}$ 

or a pharmaceutically acceptable salt or stereoisomer thereof, wherein:

0 or 1; a is 0 or 1; b is 0, 1, or 2; m is 0, 1, 2 or 3; n is 0 or 1; r is 0 or 1; s is 0 or 1; t is 0 or 1; u is

R<sup>1</sup> and R<sup>2</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>3</sup> is selected from:

1) hydrogen;

- 2) C<sub>1</sub>-C<sub>10</sub> alkyl;
- 3) C<sub>1</sub>-C<sub>10</sub> alkyl-O-R<sup>d</sup>,
- 4) C2-C<sub>10</sub> alkenyl-O-Rd,
- 5) C2-C<sub>10</sub> alkynyl-O-Rd,
- 6) (C<sub>1</sub>-C<sub>6</sub>-alkylene)<sub>n</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl-O-R<sup>d</sup>,
- 7)  $C_1-C_{10}$  alkyl- $(C=O)_b-NR^cR^c$ ,
- 8) C2-C<sub>10</sub> alkenyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup>,
- 9) C2-C<sub>10</sub> alkynyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup>,
- 10) (C<sub>1</sub>-C<sub>6</sub>-alkylene)<sub>n</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl-(C=O)<sub>b</sub>NR<sup>c</sup>R<sup>c</sup>,
- 11)  $C_1$ - $C_{10}$  alkyl- $S(O)_m$ - $R^d$ ,
- 12)  $C_2$ - $C_{10}$  alkenyl- $S(O)_m$ -Rd,
- 13)  $C_2$ - $C_{10}$  alkynyl- $S(O)_m$ - $R^d$ ,
- 14)  $(C_1-C_6-alkylene)_nC_3-C_8 \text{ cycloalkyl- }S(O)_m-R^d,$

said alkyl, alkenyl, alkynyl and cycloalkyl are optionally substituted with one or more substituents selected from  $R^6$ ;

R<sup>4</sup> is independently selected from:

- 1)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- $(C=O)_aO_baryl,$
- $CO_2H$ ,
- 4) halo,
- 5) CN,
- 6) OH,
- 7) ObC1-C6 perfluoroalkyl,
- 8)  $O_a(C=O)_bNR^8R^9$ ,
- 9)  $S(O)_m R^a$ ,
- $S(O)_2NR^8R^9$ , and
- 11)  $-OPO(OH)_2$ ;

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

### R<sup>5</sup> is selected from:

- 1) hydrogen;
- 2)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 3)  $(C=O)_aO_baryl$ ,
- 4) CO<sub>2</sub>H,

- 5) halo,
- 6) CN,
- 7) OH,
- 8) ObC1-C6 perfluoroalkyl,
- 9)  $O_a(C=O)_bNR^8R^9$ ,
- 10)  $S(O)_m R^a$ ,
- 11)  $S(O)_2NR^8R^9$ ,

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R6 is independently selected from:

- 1)  $(C=O)_aO_bC_1-C_{10}$  alkyl,
- 2)  $(C=O)_aO_baryl$ ,
- 3) C2-C<sub>10</sub> alkenyl,
- 4) C2-C<sub>10</sub> alkynyl,
- 5) (C=O)<sub>a</sub>O<sub>b</sub> heterocyclyl,
- 6) CO<sub>2</sub>H,
- 7) halo,
- 8) CN,
- 9) OH,
- 10) ObC1-C6 perfluoroalkyl,
- 11)  $O_a(C=O)_bNR^8R^9$ ,
- 12)  $S(O)_m R^a$ ,
- 13)  $S(O)_2NR^8R^9$ ,
- 14) oxo,
- 15) CHO,
- 16)  $(N=0)R^8R^9$ , or
- 17) (C=O)<sub>a</sub>O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl, and
- 18)  $-OPO(OH)_2$ ;

said alkyl, aryl, alkenyl, alkynyl, heterocyclyl, and cycloalkyl optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

## R<sup>7</sup> is selected from:

- 1)  $(C=O)_rO_s(C_1-C_{10})$ alkyl,
- 2)  $O_r(C_1-C_3)$  perfluoroalkyl,
- 3) oxo,
- 4) OH,
- 5) halo,

- 6) CN,
- 7)  $(C_2-C_{10})$ alkenyl,
- 8)  $(C_2-C_{10})$ alkynyl,
- 9)  $(C=O)_rO_s(C_3-C_6)$ cycloalkyl,
- 10)  $(C=O)_rO_s(C_0-C_6)$ alkylene-aryl,
- 11)  $(C=O)_rO_s(C_0-C_6)$ alkylene-heterocyclyl,
- 12)  $(C=O)_rO_s(C_0-C_6)$ alkylene- $N(R^b)_2$ ,
- 13)  $C(O)R^a$ ,
- 14) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 15) C(O)H,
- 16) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H,
- 17)  $C(O)N(R^b)_2$ ,
- 18)  $S(O)_mR^a$ ,
- 19)  $S(O)_2N(R^b)_2$ ; and
- 20)  $-OPO(OH)_2$ ;

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, NO<sub>2</sub> and N(R<sup>b</sup>)<sub>2</sub>;

R<sup>8</sup> and R<sup>9</sup> are independently selected from:

- 1) H,
- 2)  $(C=O)O_bC_1-C_{10}$  alkyl,
- 3) (C=O)ObC3-C8 cycloalkyl,
- 4) (C=O)Obaryl,
- 5) (C=O)Obheterocyclyl,
- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C2-C<sub>10</sub> alkenyl,
- 9) C2-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C3-C8 cycloalkyl,
- 12) SO<sub>2</sub>Ra, and
- 13)  $(C=O)NRb_2$ ,

said alkyl, cycloalkyl, aryl, heterocylyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>, or

R<sup>8</sup> and R<sup>9</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing,

in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R7;

R<sup>11</sup> and R<sup>12</sup> are independently selected from: F and -CH<sub>2</sub>F;

 $R^{13}$  and  $R^{14}$  are independently selected from: H and –CH<sub>2</sub>F, provided that when t is 1,  $R^{14}$  is H; and when u is 1,  $R^{13}$  is H;

R<sup>ox</sup> is absent or is oxo;

R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup> 'or S(O)<sub>2</sub>R<sup>a</sup>, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>c</sup>and R<sup>c</sup> are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, NH<sub>2</sub>, OH, OR<sup>a</sup>, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup>, S(O)<sub>2</sub>R<sup>a</sup> and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

R<sup>c</sup> and R<sup>c</sup>' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

Rd is selected from: H, (C1-C6)alkyl, -(C2-C6)alkyl-OH, -(C1-C6)alkyl-O-(C1-C6)alkyl and -(C1-C6)alkyl-N(R<sup>b</sup>)2, wherein the alkyl is optionally substituted with one, two or three substituents selected from R7;

Re and Re' are independently selected from: H, (C1-C6)alkyl, aryl, heterocyclyl and (C3-C6)cycloalkyl, optionally substituted with one, two or three substituents selected from R7; or

Re and Re' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing,

in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>.

# 3. (Original) The compound according to Claim 2 of the Formula III:

$$(R^4)_n$$
 $R^5$ 
 $R^1$ 
 $R^2$ 
 $R^{14}$ 
 $R^{14}$ 

or a pharmaceutically acceptable salt or stereoisomer thereof,

### wherein:

a is 0 or 1;
b is 0 or 1;
m is 0, 1, or 2;
n is 0, 1 or 2;
r is 0 or 1;
s is 0 or 1;
t is 0 or 1;

 $R^1$  and  $R^2$  are independently selected from: H, (C1-C6)alkyl, aryl and (C3-C6)cycloalkyl, optionally substituted with one, two or three substituents selected from  $R^7$ ;

R4 is independently selected from:

- 1) halo,
- 2) OH,

# 3) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

#### R<sup>5</sup> is selected from:

- 1) hydrogen,
- 2) halo,
- 3) OH,
- 4) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

#### R<sup>7</sup> is selected from:

- 1)  $(C=O)_rO_s(C_1-C_{10})$ alkyl,
- 2) O<sub>r</sub>(C<sub>1</sub>-C<sub>3</sub>)perfluoroalkyl,
- 3) oxo,
- 4) OH,
- 5) halo,
- 6) CN,
- 7)  $(C_2-C_{10})$ alkenyl,
- 8) (C2-C<sub>10</sub>)alkynyl,
- 9)  $(C=O)_rO_s(C_3-C_6)$ cycloalkyl,
- 10)  $(C=O)_rO_s(C_0-C_6)$ alkylene-aryl,
- 11)  $(C=O)_rO_s(C_0-C_6)$ alkylene-heterocyclyl,
- 12)  $(C=O)_rO_s(C_0-C_6)$ alkylene- $N(R^b)_2$ ,
- 13)  $C(O)R^{a}$ ,
- 14) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 15) C(O)H,
- 16) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H, and
- 17)  $C(O)N(R^b)_2$ ,
- 18)  $S(O)_mR^a$ , and
- 19)  $S(O)_2N(R^b)_2$ ;

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, NO<sub>2</sub> and N(R<sup>b</sup>)<sub>2</sub>;

# R<sup>8</sup> and R<sup>9</sup> are independently selected from:

- 1) H,
- 2)  $(C=O)O_bC_1-C_{10}$  alkyl,
- 3) (C=O)ObC3-C8 cycloalkyl,
- 4) (C=O)Obaryl,
- 5) (C=O)Obheterocyclyl,

- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C2-C<sub>10</sub> alkenyl,
- 9) C2-C<sub>10</sub> alkynyl,
- 10) heterocyclyl,
- 11) C3-C8 cycloalkyl,
- 12) SO<sub>2</sub>Ra, and
- 13)  $(C=O)NRb_2$ ,

said alkyl, cycloalkyl, aryl, heterocylyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>, or

R<sup>8</sup> and R<sup>9</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>12</sup> is selected from: F and –CH<sub>2</sub>F;

R<sup>14</sup> is selected from: H and -CH<sub>2</sub>F, provided that when t is 1, R<sup>14</sup> is H;

R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup> 'or S(O)<sub>2</sub>R<sup>a</sup>, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>c</sup>and R<sup>c</sup> ' are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, NH<sub>2</sub>, OH, OR<sup>a</sup>, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-OH, -(C<sub>1</sub>-C<sub>6</sub>)alkyl-O-(C<sub>1</sub>-C<sub>6</sub>)alkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup> ',  $S(O)_2R^a$  and -(C<sub>1</sub>-C<sub>6</sub>)alkyl-N(R<sup>b</sup>)<sub>2</sub>, wherein the alkyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

R<sup>c</sup> and R<sup>c</sup>' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

Re and Re' are independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl and (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

Re and Re' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>.

4. (Original) The compound according to Claim 3 of the Formula IV:

$$R^4$$
 $R^1$ 
 $R^2$ 
 $R^4$ 
 $R^4$ 

or a pharmaceutically acceptable salt or stereoisomer thereof,

wherein:

a is 0 or 1;
b is 0 or 1;
m is 0, 1, or 2;
r is 0 or 1;
s is 0 or 1;

 $R^1$  and  $R^2$  are independently selected from: H and (C1-C6)alkyl, optionally substituted with one, two or three substituents selected from  $R^7$ ;

R<sup>4</sup> is independently selected from:

- 1) halo,
- 2) OH,
- 3) O<sub>b</sub>C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl,

### R<sup>7</sup> is selected from:

- 1)  $(C=O)_rO_s(C_1-C_{10})$  alkyl,
- 2)  $O_r(C_1-C_3)$  perfluoroalkyl,
- 3) oxo,
- 4) OH,
- 5) halo,
- 6) CN,
- 7) (C2-C<sub>10</sub>)alkenyl,
- 8) (C2-C<sub>10</sub>)alkynyl,
- 9)  $(C=O)_rO_s(C_3-C_6)$ cycloalkyl,
- 10)  $(C=O)_rO_s(C_0-C_6)$ alkylene-aryl,
- 11)  $(C=O)_rO_s(C_0-C_6)$ alkylene-heterocyclyl,
- 12)  $(C=O)_rO_s(C_0-C_6)$ alkylene- $N(R^b)_2$ ,
- 13)  $C(O)R^{a}$ ,
- 14) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>R<sup>a</sup>,
- 15) C(O)H,
- 16) (C<sub>0</sub>-C<sub>6</sub>)alkylene-CO<sub>2</sub>H, and
- 17)  $C(O)N(R^b)_2$ ,
- 18)  $S(O)_mR^a$ , and
- 19)  $S(O)_2N(R^b)_2$ ;

said alkyl, alkenyl, alkynyl, cycloalkyl, aryl, alkylene and heterocyclyl is optionally substituted with up to three substituents selected from R<sup>b</sup>, OH, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, halogen, CO<sub>2</sub>H, CN, O(C=O)C<sub>1</sub>-C<sub>6</sub> alkyl, oxo, NO<sub>2</sub> and N(R<sup>b</sup>)<sub>2</sub>;

# R<sup>8</sup> and R<sup>9</sup> are independently selected from:

- 1) H,
- 2)  $(C=O)O_bC_1-C_{10}$  alkyl,
- 3) (C=O)O<sub>b</sub>C<sub>3</sub>-C<sub>8</sub> cycloalkyl,
- 4) (C=O)Obaryl,
- 5) (C=O)Obheterocyclyl,
- 6) C<sub>1</sub>-C<sub>10</sub> alkyl,
- 7) aryl,
- 8) C2-C<sub>10</sub> alkenyl,
- 9) C2-C<sub>10</sub> alkynyl,

- 10) heterocyclyl,
- 11) C3-C8 cycloalkyl,
- 12) SO<sub>2</sub>Ra, and
- 13)  $(C=O)NRb_2$ ,

said alkyl, cycloalkyl, aryl, heterocylyl, alkenyl, and alkynyl is optionally substituted with one, two or three substituents selected from R<sup>7</sup>, or

R<sup>8</sup> and R<sup>9</sup> can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>a</sup> is independently selected from: (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, aryl, or heterocyclyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

R<sup>b</sup> is independently selected from: H, (C<sub>1</sub>-C<sub>6</sub>)alkyl, aryl, heterocyclyl, (C<sub>3</sub>-C<sub>6</sub>)cycloalkyl, (C=O)OC<sub>1</sub>-C<sub>6</sub> alkyl, (C=O)Aryl, (C=O)heterocyclyl, (C=O)NR<sup>e</sup>R<sup>e</sup> or S(O)<sub>2</sub>R<sup>a</sup>, optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

Rcand Rc ' are independently selected from: H, (C1-C6)alkyl, aryl, NH2, OH, ORa, -(C1-C6)alkyl-OH, -(C1-C6)alkyl-O-(C1-C6)alkyl, (C=O)OC1-C6 alkyl, (C=O)C1-C6 alkyl, (C=O)Aryl, (C=O)heterocyclyl, (C=O)NReRe',  $S(O)_2R^a$  and -(C1-C6)alkyl-N( $R^b$ )2, wherein the alkyl is optionally substituted with one, two or three substituents selected from R7; or

R<sup>c</sup> and R<sup>c</sup>' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>;

Re and Re' are independently selected from: H, (C1-C6)alkyl, aryl, heterocyclyl and (C3-C6)cycloalkyl, optionally substituted with one, two or three substituents selected from R<sup>7</sup>; or

Re and Re' can be taken together with the nitrogen to which they are attached to form a monocyclic or bicyclic heterocycle with 3-7 members in each ring and optionally containing, in addition to the nitrogen, one or two additional heteroatoms selected from N, O and S, said

monocyclic or bicyclic heterocycle optionally substituted with one, two or three substituents selected from R<sup>7</sup>.

- 5. (Original) A compound selected from:
- (2S)-4-(2,5-difluorophenyl)-N-[(4R,6S)-6-fluoro-1-methylazepan-4-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide
- (2S)-4-(2,5-difluorophenyl)-N-[(4S,6R)-6-fluoro-1-methylazepan-4-yl]-2-(hydroxymethyl)-N-methyl-2-phenyl-2,5-dihydro-1H-pyrrole-1-carboxamide

or a pharmaceutically acceptable salt thereof.

6. (Original) The compound according to Claim 1 which is selected from:

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	. R <sub>5</sub>
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
N N	CH <sub>2</sub> OH	Me	F	H
N N	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N N N N N N N N N N N N N N N N N N N	CH <sub>2</sub> OH	Me	F	Н
N-N	CH <sub>2</sub> OH	Me	F	Н
ON	CH <sub>2</sub> OH	Me	F	Н
O <sub>N</sub>	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	$R_2$	$R_3$	R <sub>4</sub>	R <sub>5</sub>
S	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
OMe	CH <sub>2</sub> OH	Me	F	H
N	CH <sub>2</sub> OH	Me	F	Н
NOMe	CH <sub>2</sub> OH	Me	F	H
Me	Me	Me	F	Н
Me		Me	F	H
Me	∕ OH	Ме	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	$R_4$	R <sub>5</sub>
Me	NH <sub>2</sub>	Me	F	H
Me	OH	Me	F	Н
Me	∕ NH <sub>2</sub>	Me	F	Н
Me	Ph NH <sub>2</sub>	Me	F	Н
Me	OH	Me	F	Н
Me	$\sim$ NH <sub>2</sub>	Me	F	Н
Me	Ph	Me	F	Н
Me	NH <sub>2</sub> CHF <sub>2</sub>	Me	F	Н
Me	CHF <sub>2</sub> NH <sub>2</sub>	Me	F	Н
Ме	OHF <sub>2</sub>	Me	F ·	H

$R_1$	$R_2$	R <sub>3</sub>	$R_4$	$R_5$
Me	∕ N H	Me	F	Н
Me	NH NH	Me	F	Н
Me	NH NH	Me	F	Н
Me	N O O O O O O O O O O O O O O O O O O O	Me	F	Н
Me	$N \rightarrow NH_2$	Me	F	Н
Me	N N	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	N H	Me	F	Н
Me	NO	Me	F	Н
Me	N H	Me	F	Н
Me	√ S N	Me	F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH	CN	F	Н
Me	CH <sub>2</sub> OH		F	H
Ме	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	CH <sub>2</sub> OH	Me	CI	Н
Me	CH <sub>2</sub> OH	Me	Br	Н
Me	CH <sub>2</sub> OH	Me	CN	Н
Me	CH <sub>2</sub> OH	Me	Me	Н
Ме	CH <sub>2</sub> OH	Me	CF <sub>3</sub>	Н
Me	CH <sub>2</sub> OH	Me	NO <sub>2</sub>	Н
Me	CH <sub>2</sub> OH	Me	F	ОН
Me	CH <sub>2</sub> OH	Me	F	NH <sub>2</sub>
Me	CH <sub>2</sub> OH	Me	F	F
Me	CH <sub>2</sub> OH	Me	F	SH

$$R_4$$
 $R_5$ 
 $R_7$ 
 $R_7$ 
 $R_8$ 
 $R_8$ 
 $R_8$ 
 $R_9$ 
 $R_1$ 
 $R_9$ 

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
N N	CH <sub>2</sub> OH	Me	F	H
N N	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N NH	CH <sub>2</sub> OH	Me	F	Н
N-N	CH <sub>2</sub> OH	Me	F	Н
ON	CH <sub>2</sub> OH	Me	F	Н
O <sub>N</sub>	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
S	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
OMe	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
NOMe	CH <sub>2</sub> OH	Me	F	Н
Me	Me	Me	F	Н
Me		Me	F	Н
Me	∕ OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Ме	∕ NH <sub>2</sub>	Me	F	Н
Ме	OH	Me	F	Н
Mẹ	$\sim$ NH <sub>2</sub>	Me	F	Н
Ме	Ph NH <sub>2</sub>	Me	F	Н
Ме	OH	Me	F	Н
Me	$\sim$ NH <sub>2</sub>	Me	F	Н
Me	$\nearrow$ NH <sub>2</sub> Ph	Me	F	Н
Me	OHF <sub>2</sub>	Me	F	Н
Me	CHF <sub>2</sub> NH <sub>2</sub>	Me	F	H
Me	$\sim$	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	R <sub>5</sub>
Me	N H	Me	F	Н
Me	NH H	Me	F	Н
Me	NH NH	Me	F	Н
Me	N O O O O O O O O O O O O O O O O O O O	Me	F	Н
Me	$N \longrightarrow NH_2$	Me	F	H
Me	N N	Me	F	Н

$R_1$	R <sub>2</sub>	R <sub>3</sub>	$R_4$	R <sub>5</sub>
Me	N H	Me	F	Н
Me	NO	Me	F	Н
Me		Me	F	H
Me	√ S N	Me	F	Н
Me	CH <sub>2</sub> OH		F	· H
Me	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	R <sub>5</sub>
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH	CN	F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	CH <sub>2</sub> OH	Me	CI	Н
Me	CH <sub>2</sub> OH	Me	Br	Н
Me	CH <sub>2</sub> OH	Me	CN	Н
Me	CH <sub>2</sub> OH	Me	Me	H
Me	CH <sub>2</sub> OH	Me	CF <sub>3</sub>	Н
Me	CH <sub>2</sub> OH	Me	NO <sub>2</sub>	Н
Me	CH <sub>2</sub> OH	Me	F	ОН
Me	CH <sub>2</sub> OH	Me	F	NH <sub>2</sub>
Me	CH <sub>2</sub> OH	Me	F	F
Me	CH <sub>2</sub> OH	Me	F	SH

$$R_4$$
 $R_5$ 
 $R_7$ 
 $R_8$ 
 $R_8$ 
 $R_8$ 
 $R_8$ 
 $R_8$ 
 $R_8$ 

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	$R_5$
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
N N	CH <sub>2</sub> OH	Me	F	Н
N N	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
NNNN	CH <sub>2</sub> OH	Me	F	Н
N-N	CH <sub>2</sub> OH	Me	F	Н
ON	CH <sub>2</sub> OH	Me	F	Н
O <sub>N</sub>	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
S	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
OMe	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	H
OME	CH <sub>2</sub> OH	Me	F	H
Me	Me	Me	F	Н
Me		Me	F	Н
Me	OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	$\nearrow$ NH $_2$ Ph	Me	F	Н
Me	OH	Me	F	Н
Me	NH <sub>2</sub>	Me	F	Н
Me	$\nearrow$ Ph $\nearrow$ NH $_2$	·Me	F	Н
Me	OH	Me	F	Н
Ме	$\sim$ NH <sub>2</sub>	Me	F	Н
Ме	→ NH <sub>2</sub> Ph	Me	F	H
Me	OHF <sub>2</sub>	Me	F	<b>H</b>
Ме	CHF <sub>2</sub> NH <sub>2</sub>	Me	F	Н
Ме	OHF <sub>2</sub>	Me	F	Н

R <sub>1</sub>	$R_2$	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	∕ N H	Me	F	Н
Me	NH H	Me	F	Н
Me	NH NH	Me	F	H
Me	N O O O O O O O O O O O O O O O O O O O	Me	F	Н
Me	N $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$	Me	F	Н
Me		Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	N H	Me	F	Н
Me	N	Me	F	Н
Me	NH NH	Me	F	Н
Me	S N	Me	F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	` CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	R <sub>5</sub>
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Ме	CH <sub>2</sub> OH	CN	F	H
Me	CH <sub>2</sub> OH		F	Н
Ме	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	CH <sub>2</sub> OH	Me	CI	Н
Me	CH <sub>2</sub> OH	Me	Br	Н
Me	CH <sub>2</sub> OH	Me	CN	Н
Me	CH <sub>2</sub> OH	Me	Me	Ĥ.
Me	CH <sub>2</sub> OH	Me	CF <sub>3</sub>	Н
Me	CH <sub>2</sub> OH	Me	NO <sub>2</sub>	Н
Me	CH <sub>2</sub> OH	Me	F	ОН
Me	CH <sub>2</sub> OH	Me	F	NH <sub>2</sub>
Ме	CH <sub>2</sub> OH	Me	F	F
Me	CH <sub>2</sub> OH	Me	F	SH

$$R_4$$
 $R_5$ 
 $R_7$ 
 $R_8$ 
 $R_8$ 
 $R_9$ 
 $R_1$ 

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	H
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	Н
N	CH <sub>2</sub> OH	Me	F	H -

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
N N	CH <sub>2</sub> OH	Me	F	Н
N N	CH <sub>2</sub> OH	Me	F	Н
	CH <sub>2</sub> OH	Me	F	Н
N N N N N N N N N N N N N N N N N N N	CH <sub>2</sub> OH	Me	F	Н
N-N	CH <sub>2</sub> OH	Me	F	Н
ON	CH <sub>2</sub> OH	Me	F	Н
O <sub>N</sub>	CH <sub>2</sub> OH	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	$R_5$	
S	CH <sub>2</sub> OH	Me	F	Н	
N	CH <sub>2</sub> OH	Me	F	H	
OM	le CH <sub>2</sub> OH	Me	F	Н	
N	CH <sub>2</sub> OH	Me	F	H	
OM	CH <sub>2</sub> OH le	Me	F	Н	
- Me	Me	Me	F	Н	
Me		Me	F	Н	
Me	OH	Me	F	Н	

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	NH <sub>2</sub>	Me	F	Н
Me	OH	Me	F	Н
Me	NH <sub>2</sub>	Me	F	Н
Me	$\nearrow$ Ph $\nearrow$ NH <sub>2</sub>	Me	F	Н
Me	OH	Me	F	Н
Me	$\sim$ NH <sub>2</sub>	Me	F	Н
Me	Ph	Me	F	Н
Me	NH <sub>2</sub> CHF <sub>2</sub>	Me	F	Н
Me	CHF <sub>2</sub> NH <sub>2</sub>	Me	F	Н
Me	$\sim$	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	$R_3$	$R_4$	R <sub>5</sub>
Me	∕ N H	Me	F	Н
Me	H	Me	F	Н
Me	NH NH	Me	F	Н
Me	N O OMe	Me	F	Н
Me	$N \rightarrow NH_2$	Me	·	Н
Me	N N	Me	F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	$R_4$	R <sub>5</sub>
Me	N N N	Me	F	Н
Me	NO	Me	F	Н
Me	NH NH	Me	F	Н
Me	√ S N	Me	F	Н
Me	CH <sub>2</sub> OH		F	Н
Ме	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH <sup>)</sup>		F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH	CN	F	Н
Me	CH <sub>2</sub> OH		F	Н
Me	CH <sub>2</sub> OH		F	Н

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	R <sub>4</sub>	R <sub>5</sub>
Me	CH <sub>2</sub> OH	Me	CI	Н
Me	CH <sub>2</sub> OH	Me	Br	Н
Me	CH <sub>2</sub> OH	Me	CN	Н
Me	CH <sub>2</sub> OH	Me	Me	Н
Me	CH <sub>2</sub> OH	Me	CF <sub>3</sub>	Н
Me	CH <sub>2</sub> OH	Me	NO <sub>2</sub>	Н
Me	CH <sub>2</sub> OH	Me	F	ОН
Me	CH <sub>2</sub> OH	Me	F	NH <sub>2</sub>
Me	CH <sub>2</sub> OH	Me	F	F
Me	CH <sub>2</sub> OH	Me	F	SH

or a pharmaceutically acceptable salt or stereoisomer thereof.

7. (Original) A pharmaceutical composition that is comprised of a compound in accordance with Claim 1 and a pharmaceutically acceptable carrier.

- 8. (Original) A method of treating or preventing cancer in a mammal in need of such treatment that is comprised of administering to said mammal a therapeutically effective amount of a compound of Claim 1.
- 9. (Original) A method of treating cancer or preventing cancer in accordance with Claim 8 wherein the cancer is selected from cancers of the brain, genitourinary tract, lymphatic system, stomach, larynx and lung.
- 10. (Original) A method of treating or preventing cancer in accordance with Claim 8 wherein the cancer is selected from histiocytic lymphoma, lung adenocarcinoma, small cell lung cancers, pancreatic cancer, gioblastomas and breast carcinoma.
  - 11. (Canceled)
  - 12. (Canceled)
  - 13. (Canceled)
  - 14. (Canceled)
  - 15. (Canceled)
  - 16. (Canceled)
  - 17. (Canceled)
  - 18. (Canceled)
  - 19. (Canceled)
- 20. (Original) A method of treating cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with radiation therapy.
- 21. (Original) A method of treating or preventing cancer that comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with a compound selected from:

- 1) an estrogen receptor modulator,
- 2) an androgen receptor modulator,
- 3) a retinoid receptor modulator,
- 4) a cytotoxic/cytostatic agent,
- 5) an antiproliferative agent,
- 6) a prenyl-protein transferase inhibitor,
- 7) an HMG-CoA reductase inhibitor,
- 8) an HIV protease inhibitor,
- 9) a reverse transcriptase inhibitor,
- 10) an angiogenesis inhibitor,
- 11) PPAR-γ agonists,
- 12) PPAR- $\delta$  agonists,
- 13) an inhibitor of inherent multidrug resistance,
- 14) an anti-emetic agent,
- 15) an agent useful in the treatment of anemia,
- 16) an agent useful in the treatment of neutropenia,
- 17) an immunologic-enhancing drug,
- 18) an inhibitor of cell proliferation and survival signaling, and
- 19) an agent that interfers with a cell cycle checkpoint.
- 22. (Original) A method of treating cancer that comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with radiation therapy and a compound selected from:
  - 1) an estrogen receptor modulator,
  - 2) an androgen receptor modulator,
  - 3) a retinoid receptor modulator,
  - 4) a cytotoxic/cytostatic agent,
  - 5) an antiproliferative agent,
  - 6) a prenyl-protein transferase inhibitor,
  - 7) an HMG-CoA reductase inhibitor,
  - 8) an HIV protease inhibitor,
  - 9) a reverse transcriptase inhibitor,
  - 10) an angiogenesis inhibitor,
  - 11) PPAR-γ agonists,
  - 12) PPAR- $\delta$  agonists,
  - 13) an inhibitor of inherent multidrug resistance,
  - 14) an anti-emetic agent,
  - 15) an agent useful in the treatment of anemia,

- 16) an agent useful in the treatment of neutropenia,
- 17) an immunologic-enhancing drug,
- 18) an inhibitor of cell proliferation and survival signaling, and
- 19) an agent that interfers with a cell cycle checkpoint.
- 23. (Original) A method of treating or preventing cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 and paclitaxel or trastuzumab.
  - 24. (Canceled)
  - 25. (Canceled)
  - 26. (Canceled)
- 27. (Original) A method of treating or preventing cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with a proteosome inhibitor.
- 28. (Original) A method of treating or preventing cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with an aurora kinase inhibitor.
  - 29. (Canceled)
- 30. (Original) A method of treating or preventing cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with a serine/threonine kinase inhibitor.
- 31. (Original) A method of treating or preventing cancer which comprises administering a therapeutically effective amount of a compound of Claim 1 in combination with an inhibitor of a mitotic kinesin that is not KSP.
- 32. (Original) A method of modulating mitotic spindle formation which comprises administering a therapeutically effective amount of a compound of Claim 1.
- 33. (Original) A method of inhibiting the mitotic kinesin KSP which comprises administering a therapeutically effective amount of a compound of Claim 1.